



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )

Yoshiki Hirano et al. )

Application No.: 10/813,166 )

Filed: March 31, 2004 )

For: ION ATTACHMENT MASS )  
SPECTROMETRY APPARATUS )

Group Art Unit:

Examiner:

Confirmation No.:

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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Date August 11, 2004

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Substitute for form 1449A/PTO & 1449B/PTO		<b>Complete if Known</b>	
<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	10/813,166
		Filing Date	March 31, 2004
		First Named Inventor	Yoshiki Hirano et al.
		Examiner Name	
Sheet <b>P E</b> of 1		Attorney Docket Number	033897-005

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS												
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS							
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec	
	*06-011485		Japan	01-21-1994							*	*
	*2001-174437		Japan	06-29-2001							*	*
	*2001-351567		Japan	12-21-2001							*	*
	*2001-351568		Japan	12-21-2001							*	*
	*2002-124208		Japan	04-26-2002							*	*
	*2002-170518		Japan	06-14-2002							*	*

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*V. Hodges et al., "Application of Alkali Ions in Chemical Ionization Mass Spectrometry", Analytical Chemistry, Vol. 48, No. 6, May 1976, pp. 825-829 (discussed in the specification)
	*Daniel Bombick et al., "Potassium Ion Chemical Ionization and Other Uses of an Alkali Thermionic Emitter in Mass Spectrometry", Analytical Chemistry 1984, Vol. 56, pp. 396-402 (discussed in the specification)
	*Toshihiro Fujii et al., "Chemical Ionization Mass Spectrometry with Lithium Ion Attachment to the Molecule", Analytical Chemistry 1989, Vol. 61, pp. 1026-1029 (discussed in the specification)
	*Chemical Physics Letters, Vol. 191 (1992), pp. 162-168 (discussed in the specification)

\* COPY ATTACHED

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.